

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently amended) A permanent magnet module pre-fabricated for attachment to a shaft of a permanent-magnet excited synchronous motor for operating a machine tool or an electrically propelled vehicle, said module being sized for attachment as a unit to a circumferential portion of the shaft and comprising a non-conducting first carrier adjacent an air gap of the synchronous motor and made of nonmagnetic material; and plural permanent magnets attached directly to at least one side of the first carrier, so that the first carrier is provided between the air gap and the permanent magnets.
2. (Previously presented) The module of claim 1, wherein the first carrier is a sleeve.
3. (Previously presented) The module of claim 1, further comprising a second carrier made of soft magnetic material and disposed on an another side of the permanent magnets in opposition to the one side so that the permanent magnets are sandwiched between the first and second carriers.
4. (Canceled)
5. (Previously presented) The module of claim 1, wherein the first carrier contains carbon fibers.
6. (Previously presented) The module of claim 5, wherein the carbon-fiber containing material is carbon fiber reinforced plastic (CFK).
7. (Canceled)

8. (Currently amended) [[The]] A permanent magnet module of claim 3 pre-fabricated for attachment to a shaft of a permanent-magnet excited synchronous motor for operating a machine tool or an electrically propelled vehicle, said module being sized for attachment as a unit to a circumferential portion of the shaft and comprising a non-conducting first carrier adjacent an air gap of the synchronous motor and made of nonmagnetic material; plural permanent magnets attached to at least one side of the first carrier, so that the first carrier is provided between the air gap and the permanent magnets, and a second carrier made of soft magnetic material and disposed on an another side of the permanent magnets in opposition to the one side so that the permanent magnets are sandwiched between the first and second carriers, wherein the permanent magnets have a radial thickness of: 3.5 mm, the first carrier material has a thickness of 0.5-1.0 mm, and the second carrier has a thickness of 0.5 mm.
9. (Withdrawn) The module of claim 3, wherein the permanent magnets are potted between the first and second carriers within a casting compound.
10. (Previously presented) The module of claim 1 having a configuration at least partly resembling a cylindrical jacket, wherein the permanent magnets are arranged axially behind one another or in axially offset relationship according to a predefined pattern.
11. (Withdrawn) The module of claim 1, wherein the permanent magnets are arranged on the first carrier to form a joint-type relationship to realize a flexibility of the module.
12. (Previously presented) The module of claim 1, wherein the permanent magnets have a thickness which is at least twice a thickness of the first carrier.

13. (Currently amended) A permanent-magnet excited synchronous motor for operating a machine tool or an electrically propelled vehicle, comprising a rotor which turns relative to a stator and includes a shaft and a pre-fabricated module sized for attachment as a unit to a circumferential portion of the shaft, wherein the module is constructed to include a first carrier adjacent an air gap between the rotor and the stator and made of nonmagnetic material, and plural permanent magnets which are attached directly to at least one side of the first carrier, so that the first carrier is provided between the air gap and the permanent magnets.
14. (Previously presented) The permanent-magnet excited synchronous motor of claim 13, wherein the module is attached to the shaft by at least a process selected from the group consisting of shrinking, form-fitting securement, and material-interconnecting engagement, to thereby form the rotor.
15. (Canceled)
16. (Withdrawn) The permanent-magnet excited synchronous motor of claim 13, wherein the module is received in a pocket of the shaft.
17. (Previously presented) The module of claim 3, wherein the permanent magnets are disposed between the first and second carriers, with casting compound filling an intermediate space between neighboring permanent magnets.
18. (New) The permanent magnet module of claim 3, wherein the permanent magnets have a radial thickness of: 3.5 mm, the first carrier material has a thickness of 0.5-1.0 mm, and the second carrier has a thickness of 0.5 mm.